



ELEVATION - END POST TRANSITION AREA

Scale: None

* 2b = average spacing of end post and adjacent span, with exceptions stated in Note 4.

Notes:

1. Transition areas should be provided on both ends of the bridge, comprised of a tapered concrete lug and three tapered fence panels, all equally spaced.
2. The end of the concrete lug on both the approach and trail end shall be 2'-8".
3. The End Post Transition Area shall always begin at the end of the end post and be laid out in accordance with the following chart.
4. When roadway joint falls in the middle of a tapered panel (Joint Locations B, C, and D) the first full height panel on the bridge shall be the average spacing of the panels in the transition area and the adjacent span.

END POST TRANSITION AREA

| Roadway Joint Location | End Post Length | Fence Transition Panels on End Post | Fence Transition Panels on Bridge |
|------------------------|----------------------------|--|-----------------------------------|
| A | $L \leq 8'-0''$ | 0 | 3 |
| B | $8'-0'' < L \leq 12'-0''$ | $\frac{1}{2}$ | $2\frac{1}{2}$ |
| C | $12'-0'' < L \leq 20'-0''$ | $1\frac{1}{2}$ | $1\frac{1}{2}$ |
| D | $20'-0'' < L \leq 28'-0''$ | $2\frac{1}{2}$ | $\frac{1}{2}$ |
| **E | $28'-0'' < L$ | $3 + (n + \frac{1}{2})$ full height panels | 0 |

** Location of Bridge Expansion Joint E varies depending on the number of full height panels on the endpost.

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n = the number of full height panels on the end post

| APPROVAL | |
|--|------|
| <i>L. S. Friedman</i> DIRECTOR OFFICE OF BRIDGE DEVELOPMENT | |
| DATE: 6/1/05 | |
| REVISIONS | |
| SHA | FHWA |
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| FHWA APPROVAL | . |
| DATE: | . |

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF BRIDGE DEVELOPMENT

LAYOUT OF FENCING ON BRIDGES

STANDARD NO. BR-SS(3.06)-03-78

SHEET 2 OF 2

SUPER-FENCING NEW STRUCT.